

Water Audit Level 1 Validation Document

Audit Information:

Utility: Fallbrook Public Utility District PWS ID: 3710008

System Type: Potable Audit Period: Fiscal Year 19-20

Utility Representation: Mick Cothran

Validation Date: December 10, 2020 Call Time: 10:00am - 11:30am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 70 Data Validity Band (Level): Band III (51-70)

ILI: 1.35 Real Loss: 48.56 (gal/conn/day) Apparent Loss: 10.84 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 3.9%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Elisa Marrone Validator Qualifications: Certified by CA-NV AWWA

Based on a template prepared by

Water Loss Audit Level 1 Validation Document

Water System Name: Fallbrook Public Utility District **Water System ID Number:** 3710008 **Water Audit Period:** FY 2019-20

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- Distribution tank volume differential (beginning of audit period vs end of audit period) incorporated into the audit
- Metering lag-time correction incorporated into Billed Metered Authorized Consumption input value

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

12/21/2020

JACK BEBEE

GENERAL MANAGER



Executive Name (Print)

Executive Position

Signature

Date

Utility Provided